

CHAPTER OVERVIEW

5: Atoms and the Periodic Table

Everything you need to know in a first-year college course about the principal concepts of quantum theory as applied to the atom, and how this determines the organization of the periodic table.

- [5.1: Primer on Quantum Theory](#)
- [5.2: Quanta - A New View of the World](#)
- [5.3: Light, Particles, and Waves](#)
- [5.4: The Bohr Atom](#)
- [5.5: The Quantum Atom](#)
- [5.6: Atomic Electron Configurations](#)
- [5.7: Periodic Properties of the Elements](#)
- [5.8: Why Don't Electrons Fall into the Nucleus?](#)

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